Appl. No. 09/905,718
Amdt. dated April 21, 2005
Reply to Office action of December 22, 2004

Amendments to the Claims:

1-84. CANCELLED

85. (Currently Amended) A method of creating a desired pattern on a body, said method comprising:

arranging a liquid to be between a template and said body;

orienting said template proximate to said liquid;

[[and]]

~~moving a portion of said liquid between said template and said body to form a contiguous region of said liquid between two spaced apart electric field gradients, with each of said electric field gradients being defined by first and second electric fields, with said first electric field being adjacent to said second electric field and said first electric field being greater than said second electric field~~

defining an electric field, having a magnitude associated therewith, between said substrate and said template; and

increasing a distance between said substrate and said template while concurrently increasing said magnitude of said electric field to form a contiguous region of said liquid.

86. (Currently Amended) The method as recited in claim 85, wherein said pattern comprises a topology selected from **[[a]]** the group of topologies consisting ~~essentially~~ of recessed and protruded, smooth, and planarized.

PAGE 7/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50

87. (Currently Amended) The method as recited in claim 85, wherein ~~moving said portion of said liquid~~ increasing said distance further includes moving said ~~portion~~ liquid away from said body, toward said template, wherein said liquid abstains from contact with said template.

88. (Currently Amended) The method as recited in claim 85, further ~~includes~~ including solidifying said liquid.

89. CANCELLED

90. (Previously Presented) The method as recited in claim 85, wherein arranging said liquid further includes arranging a low viscosity liquid between said template and said body.

91. (Original) The method as recited in claim 85, further including providing said template with an electrically conducting material.

92. (Currently Amended) The method as recited in claim 88, wherein solidifying further includes solidifying said liquid in the presence of said ~~first and second~~ electric ~~fields~~ field.

93. CANCELLED

PAGE 8/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50

Appl. No. 09/905,718
Amdt. dated April 21, 2005
Reply to Office action of December 22, 2004

94. (Currently Amended) A method of creating a desired pattern on a body, said method comprising:

disposing a liquid between a template and said body;

orientating said template proximate to said liquid;

[[and]]

~~moving a portion of said liquid between said template and said body toward said template to form a contiguous region of said liquid between two spaced apart electric field gradients, with each of said electric field gradients being defined by first and second electric fields, with said first electric field being adjacent to said second electric field and said first electric field being greater than said second electric field~~

defining an electric field, having a magnitude associated therewith, between said substrate and said template; and

increasing a distance between said substrate and said template while concurrently increasing said magnitude of said electric field such that said liquid moves toward said template and forms a contiguous region.

95. (Currently Amended) The method as recited in claim 94, wherein said pattern comprises a topology selected from [[a]] the group of topologies consisting ~~essentially~~ of recessed and protruded, smoothed, and planarized.

96. CANCELLED

PAGE 9/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50

97. (Previously Presented) The method as recited in claim 94 further including polymerizing said liquid, with said liquid comprising a polymerizable composition.

98. (Currently Amended) The method as recited in claim 97, wherein polymerizing said liquid occurs in the presence of said ~~first and second~~ electric ~~fields~~ field.

99-100. CANCELLED

101. (Currently Amended) A method of creating a desired pattern on a body, said method comprising:

disposing a polymerizable liquid on said body;

orientating a template proximate to said polymerizable liquid;

~~moving a portion of said polymerizable liquid toward said template to form a contiguous region of said polymerizable liquid between two spaced apart electric field gradients, with each of said electric field gradients being defined by first and second electric fields, with said first electric field being adjacent to said second electric field and said first electric field being greater than said second electric field; and~~

defining an electric field, having a magnitude associated therewith, between said substrate and said template;

increasing a distance between said substrate and said template while concurrently increasing said magnitude of said electric field to form a contiguous region of said liquid; and

polymerizing said polymerizable liquid.

PAGE 10/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50

102. CANCELLED

103. (Previously Presented) The method as recited in claim 101, wherein disposing said liquid further includes disposing a low viscosity liquid.

104. (Currently Amended) The method as recited in claim 101, further ~~includes~~ including providing said template with an electrically conducting material.

105-106. CANCELLED

107. (Previously Presented) The method as recited in claim 101, wherein polymerizing said liquid occurs in the presence of said electric field.

108. (New) The method as recited in claim 85 wherein defining said electric field further includes forming a first pattern differing from said desired pattern.

109. (New) The method as recited in claim 85 wherein orientating said template further includes positioning said template spaced-apart from said liquid.

110. (New) The method as recited in claim 94 further includes having said liquid abstain from contact with said template.

PAGE 11/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50

111. (New) The method as recited in claim 94 wherein defining said electric field further includes forming a first pattern differing from said desired pattern.

112. (New) The method as recited in claim 101 wherein defining said electric field further includes forming a first pattern differing from said desired pattern.

////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////
////

PAGE 12/19 * RCVD AT 4/21/2005 3:28:34 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:5124918918 * DURATION (mm-ss):04-50